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TELEVISION SOM TEKNISKT HJÄLPMEDEL
I UTBILDNING OCH PEDAGOGISK-PSYKOLOGISK
FORSKNING: EN BIBLIOGRAFISK REDOVISNING,
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TELEVISION SOM TEKNISKT HJÄLPMEDEL I UTBILDNING OCH PEDAGOGISK-PSYKOLOGISK FORSKNING: EN BIBLIOGRAFISK REDOVISNING, 1971 - 1974

Bernhard Bierschenk

Bierschenk, B. Television som tekniskt hjälpmedel i utbildning och pedagogisk-psykologisk forskning: En bibliografisk redovisning, 1971 - 1974. / Television as a technical aid in education and in educational and psychological research: A bibliographic account, 1971-1974. / Pedagogisk dokumentation (Malmö, Sweden: School of Education), Nr 31, 1974.

This report is a fifth bibliographic account of literature concerning television as a technical aid in education and in educational and psychological research and contains material published during the period 1971 to 1974. The references are classified according to 8 main categories, each having 4 subdivisions. The bibliography contains references which are a result of computer search in the files of ERIC, ISI and SSCI. Dissertation Abstracts International, and research literature which was available to us have been searched for relevant references. Two indexes have also been included, namely: (1) an index which lists the accepted abbreviations of the titles of periodicals, and (2) an index which is an alphabetically arranged list of authors.

Keywords: Documentation, Television, Microteaching, Computer search, Bibliography.

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difficult to survey in the present state of educational literature is the great interest which studies in this field have for educational practitioners and research workers.

In 1967 a research project was carried out at the Department of Educational and Psychological Research, the University of Education, Bristol, England, with the aim of studying possible effects of externally motivated self-instruction via C.T.V. on low-achieving students. A preliminary study was carried out. One of the first steps was to carry out a preliminary view by studying a representative sample of research problems. The results of this bibliographic mapping were published in 1971. The bibliographic mapping carried out in the present study with the project described above was from the start restricted to a limited search of literature. In the search for relevant information, 14 journals and bibliographies containing articles in English and German covering the period 1959 - 1973 were consulted (Bierschen, 1973, p. 5). In the attempt to study the relation between systems and the following keywords were used in the search: Educational Television (ETC), Instructional Television, Educational Television, Television.

It is impossible to say whether these search terms have been the most suitable ones for the examination of the subject indexes of the journals since this question is bound up with both the discrimination level of the information system and with the bibliographic control or control mechanism of the individual systems.

A computerized search for literature was carried out in the "Research in Education" (RIE) and "Current Index in Journals in Education" (CJIE) data files, both as a continuous recorder of newly issued publications and retrospectively by means of a computer search program in the data base "Psychological Abstracts" covering the period 1954-1973 (Bierschen, 1973, pp. 7-8). The search resulted in a group of 45 relevant references, which have been restructured in the form of a fourth-level bibliography (Bierschen, 1973). In addition, 10 references have been obtained from the International Bibliography of Educational Research (Germany) in 1972.

This extensive search for literature was carried out by Hans-Joachim Bierschen

INTRODUCTION

Information on television as a technical aid in education and in educational and psychological research is constantly growing since the introduction of closed-circuit-television systems and videotape recorders (CCTV/VR) in the fields of education and pedagogical and psychological research in the 1950's. The permanent increase of the flow of published material that is difficult to survey in the general frame of educational literature shows the great interest which still exists among educators, educational organizers and research workers.

In 1967 a research project was set up at the Department of Educational and Psychological Research at the School of Education in Malmö (Sweden) with the aim of studying possible effects of externally mediated self-confrontation via CCTV/VR on how student teachers experienced their own teaching. One of the first tasks was naturally to get a general view by studying informative material concerning this research problem. The results of this bibliographic exploration have been made available in the form of three special bibliographies (Bierschenk, 1969, 1971a, 1971b). The bibliographic mapping carried out in connection with the project mentioned above was from the start restricted to a manual search for literature. In the search for relevant information, 24 journals and bibliographies containing articles in English and German covering the period 1959 - 1970 were studied (Bierschenk, B., 1973, p 5). In our attempt to study the reference lists systematically, the following key-words were used in the manual search: Educational Television (ETC), Instructional Television (ITV) and Closed Circuit Television (CCTV).

It is impossible to say whether these "search terms" have been the most suitable ones for the examination of the subject indexes of the reference lists, since this question is linked up with both the discrimination level of the information system and with the bibliographic control or control mechanisms of the individual systems.

A computer-based search for literature was carried out in the "Research in Education" (RIE) and Current Index to Journals in Education (CIJE) data files, both as a continuous registration of newly issued publications and retrospectively by means of a computer-based search in the data base "Psychological Abstracts", covering the period 1969 - 1972 (Bierschenk, 1973 pp 7-8). This search has led to approximately 450 relevant references, which have been systematized in the form of a fourth special bibliography (Bierschenk, 1973). In addition about 60 references have been obtained from the International Microteaching Symposium held in Tübingen (Germany) in 1972.

This extensive search for literature has resulted in about two thousand

references. Using the knowledge obtained on the subject and the information contained in the titles of the publications, the material included in the bibliographies was divided and subdivided according to somewhat different category systems. This reflects a constant change in the direction and differentiation of the literature. An enormous amount of work would be required for all this literature to be studied and the reported results presented. For this reason, so as to make them easily accessible, the aim has been to structure the references according to eight main categories, seven of which are subdivided according to (1) model, (2) methods and techniques, (3) applications and (4) effects. But one should not forget that the information one usually gets from references is very poor as regards the contents behind the titles. In general, the changes, which the category system used in this report reflect show that the international literature now focusses on psychological problems concerning individuals and the personality of individuals.

In the developmental stage of the category system the bibliographic material contained a great many references from the years before 1971. In order to avoid too great an overlap with the already published bibliographies, these references were eliminated. An integration of all material under the categories of this system has been anticipated but considered to be unmanageable at the moment.

The bibliography now contains references which are a result of our computer search of the period June 1972 to 1974-06-30 in the ERIC, ISI and SSCI-files. Also references found in Dissertation Abstracts, International and research literature which was available to the project have been searched for references.

The material included in this report has been classified according to the following system:

1. CLOSED CIRCUIT TELEVISION AND VIDEO RECORDING IN EDUCATION AND TEACHER TRAINING
2. EDUCATIONAL TELEVISION: SENDER AND RECEIVER BEHAVIOR
3. THE USE OF CLOSED CIRCUIT TELEVISION AND VIDEO RECORDING IN ESN (Educationally Sub-Normal) CONTENTS, COUNSELING AND ASSOCIATED EDUCATIONAL ACTIVITIES
4. EXTERNALLY MEDIATED SELF-CONFRONTATION VIA CLOSED CIRCUIT TELEVISION AND VIDEO RECORDING
 - 4.1 Psychology and psychiatry
 - 4.2 Pre- and inservice teacher training
5. MICROLESSONS
6. MEDIA TECHNOLOGY

7. TECHNOLOGY

8. SURVEYS AND BIBLIOGRAPHIES

The description of the main categories can be found in Bierschenk (1973, ss 9-11). To facilitate the use of this bibliography, two indexes have been included. One lists the accepted abbreviations of the titles of the periodicals. The other index is alphabetically arranged according to authors. If a publication has two or more authors, only the name of the first author on the title-page is included as an entry.

Under the name of each author are to be found references to the different sections in which one or several publications by him have been listed.

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- Bierschenk, B. Television som tekniskt hjälpmedel i utbildning och pedagogisk-psykologisk forskning: En bibliografisk redovisning och explorativ utvärdering av litteratursökning med hjälp av dator. Pedagogisk dokumentation (Malmö, Sweden: School of Education), No. 19, 1973.

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9. ABBREVIATIONS INDEX: JOURNALS AND REVIEWS

Act. Neuroch.	Acta Neurochirurgica
Ad. Lead.	Adult Leadership
Ag. Educ. Mag.	The Agriculture Education Magazine
Amer. Ann. Deaf	American Annals of the Deaf
Amer. J. ment. Defic.	The American Journal of Mental Deficiency
Amer. J. Optom.	American Journal of Optometry
Amer. J. Psychiat.	The American Journal of Psychiatry
Amer. J. Psychol.	The American Journal of Psychology
Amer. Sch. & Univer.	American School and University
Amer. vocat. J.	American Vocational Journal
Appl. Optics	Applied Optics
Arch. Ophth.	Archive of Ophthalmology
Arith. Teach.	The Arithmetic Teacher
Army War Coll. Carlisle Barracks	Army War College Carlisle Barracks
Asian Inst. Teach. Educ. Newsltr	Asian Institute for Teacher Educators Newsletter
Aust. J. Optom.	Austrian Journal of Optometry
Austral. Sci. Teach. J.	Australian Science Teachers' Journal
AV Comm.	Audio Visual Communication
AV Comm. Rev.	Audio Visual Communication Review
AV Instr.	Audio Visual Instruction
AV Lang. J.	Audio Visual Language Journal
Behav. Ther.	Behavioral Therapy
Brit. J. educ. Technol.	British Journal of Educational Technology
Bull. Amer. Phys. Soc.	Bulletin of American Physics Society
Bull. Ass. Dep. Engl.	Bulletin of the Association of the Departments of English
Bus. Educ. Forum	Business Education Forum
Calif. J. educ. Res.	California Journal of Educational Research
Calif. Pers. Guid. Ass. J.	California Personnel and Guidance Association Journal
Child Developm.	Child Development
Claremont Coll. Conf. 32nd Yearb.	Claremont College Reading Conference 32nd Yearbook
Clin. Pharm.	Clinical Pharmacology
Cl. Interact. Newsltr	Classroom Interaction Newsletter
Cl. J.	Classical Journal
Coll. Composit. Comm.	College Composition and Communication
Coll. Engl.	College English
Coll. & Univer. Bus.	College and University Business
Coll. & Univer. J.	College and University Journal
Comm. & Jr. Coll. J.	Community and Junior College Journal
Conf. & Course Read. Univer. Pittsburgh	Conference and Course on Reading, University of Pittsburgh
Contemp. Educ.	Contemporary Education
Contin. Learn.	Continuous Learning
Counsel. Educ. Superv.	Counselor Education and Supervision
Diss. Abstr.	Dissertation Abstracts
Diss. Abstr. Int.	Dissertation Abstracts International
Drexel Library Quart.	Drexel Library Quarterly

EBU Rev.	EBU Review
Educ.	Education
Educ. Broadcast. Int.	Educational Broadcast International
Educ. Broadcast. Rev.	Educational Broadcasting Review
Educ. Canad.	Education Canada
Educ. industr. TV	Educational Industrial Television
Educ. Instr. Broadcast.	Educational Instructional Broadcasting
Educ. Lead.	Educational Leadership
Educ. Media Int.	Educational Media International
Educ. Persp.	Educational Perspectives
Educ. Prod. Rep.	Educational Product Report
Educ. psychol. Measmt.	Educational and Psychological Measurement
Educ. Rev.	Educational Review
Educ. Screen AV Guide	Educational Screen and Audio Visual Guide
Educ. Technol.	Educational Technology
Educ. Telev.	Educational Television
Educ. TV Int.	Educational Television International
Educ. Training	Education and Training
Elec. Engng. Jap.	Electrical Engineering in Japan
Electr. Lett.	Electrical Letters
Elem. Engl.	Elementary English
Elem. Sch. J.	The Elementary School Journal
Engl. Educ.	English Education
Engl. J.	The English Journal
Engl. Quart.	English Quarterly
Engng. Educ.	Engineering Education
Fam. Coord.	Family Coordinator
Fla FL Reporter	Florida FL Reporter
Foreign Lang. Ann.	Foreign Language Annals
French Rev.	French Review
Gifted Child Quart.	Gifted Child Quarterly
Grade Teach.	Grade Teacher
Handb. Marriage Counsel.	Handbook of Marriage Counseling
Harvard educ. Rev.	Harvard Educational Review
Health Sci. TV Bull.	Health Science TV Bulletin
IEEE aer. El.	IEEE Aerial Electricity
IEEE Broadcast.	IEEE Transactions on Broadcasting
IEEE B Tele	IEEE Transactions on Broadcast and Television Receivers
IEEE Magnet Mag.	IEEE Magnet Magazine
Improv. Coll. Univer. Teach.	Improving College and University Teaching
Indep. Sch. Bull.	Independent School Bulletin
Industr. Engng.	Industrial Engineering
Instr.	The Instructor
Instr. Developm.	Instructor Development
Int. J. Psychol.	International Journal of Psycho-Analysis
Int. Read. Ass. Conf. Proc.	International Reading Association Conference Proceedings
Int. Rev. appl. Ling. in Lang.	International Review of applied Linguistics in Language Teaching
Int. Rev. Educ.	International Review of Education
J. Anat.	Journal of Anatomy
J. Broadcast.	Journal of Broadcasting
J. Bus. Educ.	Journal of Business Education
J. chem. Educ.	Journal of Chemical Education
J. clin. Psychol.	Journal of Clinical Psychology
J. consult. clin.	Journal of Consulting and Clinical Psychology and Supplement

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| J. contin. Educ. Nurs. | Journal of Continuing Education in Nursing |
| J. contin. Educ. Train. | Journal of Continuing Education and Training |
| J. counsel. Psychol. | Journal of Counseling Psychology |
| J. educ. Psychol. | Journal of Educational Psychology |
| J. educ. Res. | Journal of Educational Research |
| J. educ. Technol. | Journal of Educational Technology |
| J. Engl. Educ. | Journal of English Education |
| J. Engl. Teach. | Journal of English Teaching |
| J. exp. Educ. | The Journal of Experimental Education |
| J. geoph. Res. | Journal of Geophysical Research |
| J. Health phys. Educ. Recreat. | Journal of Health and Physical Education and Recreation |
| J. Home Econ. | Journal of Home Economics |
| J. Hum. Psychol. | Journal of Humanistic Psychology |
| J. ind. Teach. Educ. | Journal of Industrial Teacher Education |
| J. learn. Disabil. | Journal of Learning Disabilities |
| J. Market. Res. | Journal of Marketing Research |
| J. med. Educ. | Journal of Medical Education |
| J. Nat. Ass. Wom. Deans Counsel. | Journal of the National Association of Women Deans and Counselors |
| J. Newsltr Ass. Teach. Jap. | Journal Newsletter of the Association of Teachers of Japanese |
| Journ. Monogr. | Journalism Monographs |
| Journ. Quart. | Journalism Quarterly |
| J. Pers. soc. Psychol. | Journal of Personality and Social Psychology and Supplement |
| J. Petro. Technol. | Journal of Petroleum Technology |
| J. Read. | Journal of Reading |
| J. Res. Sci. Teach. | Journal of Research in Science Teaching |
| J. Sch. Health | The Journal of School Health |
| J. sec. Educ. | Journal of Secondary Education |
| J. SMPTE | Journal of the Society of Motion Picture Television Engineers |
| J. spec. Educ. | The Journal of Special Education |
| J. Teach. Educ. | The Journal of Teacher Education |
| Lang. Learn. | Language Learning |
| Math. Teach. | Mathematics Teaching |
| Med. bio. Ill. | Medical and Biological Illustration |
| Media and Methods - Explorat. in Educ. | Media and Methods - Exploration in Education |
| Media Ecology Rev. | Media Ecology Review |
| Mod. Lang. J. | Modern Language Journal |
| Mod. Sch. | Modern Schools |
| Monographs of soc. Res. Child Developm. | Monographs of Social Research in Child Development |
| Music Educ. J. | Music Educators' Journal |
| NALLD J. | NALLD Journal |
| Nat. Bus. Educ. Quart. | National Business Education Quarterly |
| Nat. Elem. Prin. | National Elementary Principal |
| Nat. Sch. | Nation's Schools |
| NSCT News Suppl. | NSCT News Supplement |
| N.Y. State Lang. Federat. Bull. | New York State Language Federation Bulletin |
| P. IEEE | Proceedings of IEEE |
| Pa Educ. | Pennsylvania Education |
| Pa Sch. Stud. Counsil Bull. | Pennsylvania School Study Council Bulletin |

Pers. Guid. J.
Phys. Rev.
Physics Teach.
Professional Sch. Psychol.
Progr. Learn. educ. Technol.

Psychol. Erz.
Psychol. & Probl. Soc.
Psychol. Rev.
Psychoth./Tr.
Publ. Opin. Quart.

Quart. Stud. Al.

Radio El. En.
Res. Bull.
Res. Develpm.
Res. Educ.
Res. J.
Res. Quart.
Rev. educ. Res.
Rev. Latam. (P)

Saturday Rev.
Sch. Lib. J.
Sch. Media Quart.
Sch. Sci. & Math.
Sci. Activ.
Sci. Child.
Sci. Educ.
Sci. Teach.
Scot. Educ.
Scot. med. J.
Soc. Change
Soc. Educ.
Soc. Sci. Rec.
Soc. Stud.
Soc. Stud. J.
Speech Teach.
Stud. Ad. Educ.
Superv. Quart.

Transact. NY Acad.

Teach.
Teach. Educator
Teach. Soc.
The Teach. Guide to Media & Methods
Today's Educ.
Training and Develpm. J.

Univer. Quart.

Wilson Library Bull.

Vis. Educ.
Voices: The Art & Sci. Psycho-ther.

Personnel and Guidance Journal
Physical Review
Physics Teacher
Professional School Psychology
Programmed Learning in Educational Technology
Psychologische Erziehung
Psychology and Problems of Society
Psychological Review
Psychotherapy/Training
Public Opinion Quarterly

Quarterly Journal of Studies on Alcohol

Radio and Electronic Engineer
Research Bulletin
Research/Development
Research in Education
Research Journal
Research Quarterly of the AAHPER
Review of Educational Research
Review of Latin America (Peru)

Saturday Review
School Library Journal
School Media Quarterly
School Science and Mathematics
Science Activity
Science and Children
Science Education
The Science Teacher
Scottish Education
Scottish Medical Journal
Social Change
Social Education
Social Science Record
The Social Studies
Social Studies Journal
Speech Teacher
Studies in Adult Education
Supervisors Quarterly

Transactions of the New York Academy of Sciences

Teaching
Teacher Educator
Teacher Society
The Teachers' Guide to Media & Methods

Today's Education
Training and Development Journal

Universities Quarterly, Higher Education and Society

Wilson Library Bulletin

Visual Education
Voices: The Art and Science of Psychotherapy

Z. Psychoth. med. Psychol.

Z. Pädag.

Zeitschrift für Psychotherapie und
medizinische Psychologie
Zeitschrift für Pädagogik

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This report is a fifth bibliographic account of literature concerning television as a technical aid in education and educational and psychological research and contains material published during the period 1971 to 1974.

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